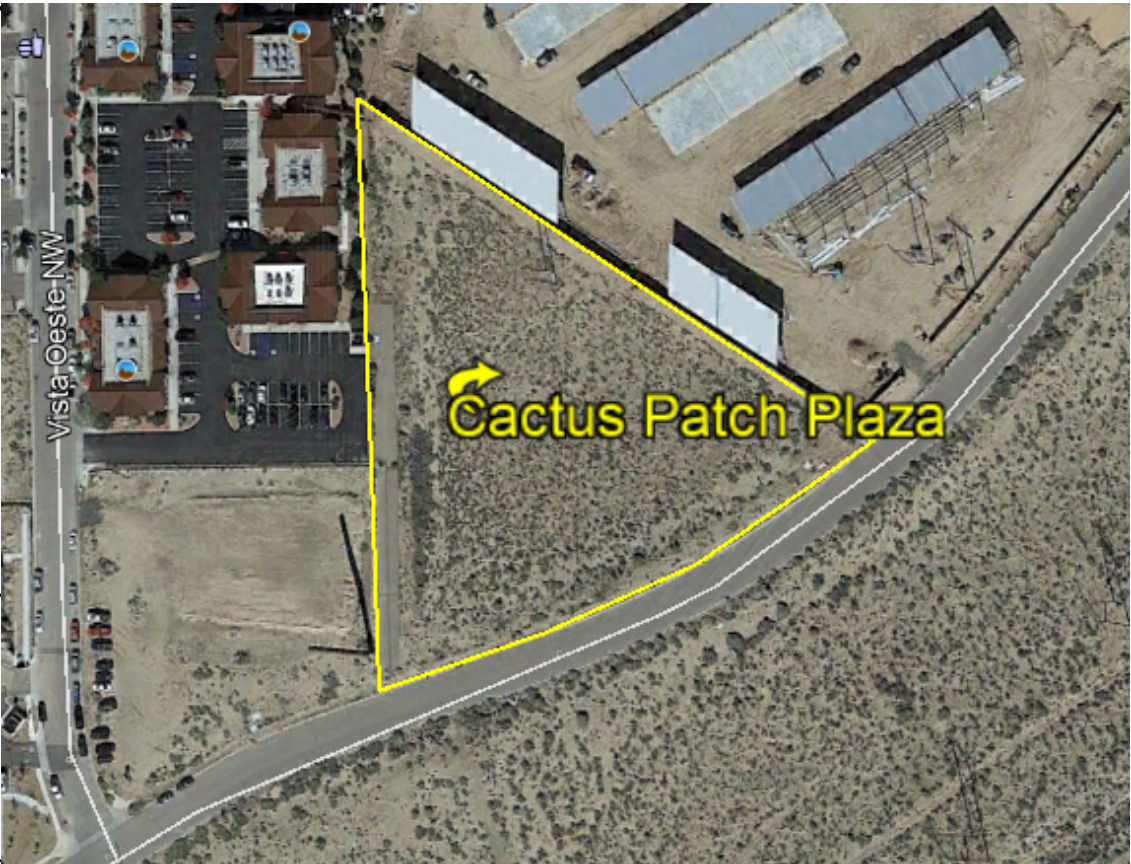


CACTUS PATCH PLAZA

7801 LA MORADA PL NW

TEMPORARY EROSION AND SEDIMENT CONTROL PLAN

PAGE INDEX	
1	TITLE PAGE
2	SWPPP INFO AND NOTES
3	DETAILS
4	TEMPORARY EROSION CONTROL PLAN
5	STABILIZATON PLAN





SCAN OR CLICK FOR DETAILED SITE INFORMATION



VIEW ONLY DOCUMENTS AND INSPECTIONS



GPS COORDINATES: 35.1087, -106.7285

 07/29/2021 CPESC Stamp	CACTUS PATCH PLAZA <small>PROJECT TITLE</small>	
	ALBUQUERQUE, NM, BERNALILLO COUNTY <small>CITY, COUNTY, STATE</small>	
	07/29/2021 <small>DATE</small>	
	C. DURKIN <small>DRAWN BY</small>	

STORMWATER POLLUTION PREVENTION PLAN INFORMATION

PERMIT NUMBER: NMR100433

NMR100000 STATE OF NEW MEXICO, EXCEPT INDIAN COUNTRY
NMR10I000 INDIAN COUNTRY WITHIN THE STATE OF NEW MEXICO, EXCEPT NAVAJO RESERVATION LANDS THAT ARE COVERED UNDER ARIZONA PERMIT AZR10I000 AND UTE MOUNTAIN RESERVATION LANDS THAT ARE COVERED UNDER COLORADO PERMIT COR10I000.

OPERATOR NAME: PACIFIC CACTUS, LLC.

OPERATOR POINT OF CONTACT:
AARON CARLSON 505-506-6310 AARON.CARLSON@YAHOO.COM

NOI PREPARED BY: INSPECTIONS PLUS

PROJECT/SITE NAME: CACTUS PATCH PLAZA

PROJECT/SITE ADDRESS: 7801 LA MORADA PL NW

LATITUDE	35.1087
LONGITUDE	-106.7285
ESTIMATED PROJECT START DATE	08/04/2021
ESTIMATED PROJECT COMPLETION DATE	08/31/2022
ESTIMATED AREA TO BE DISTURBED	2.8
TYPE OF CONSTRUCTION	STOCKPILE - COMMERCIAL
DEMOLITION OF ANY STRUCTURES, 10,000 SQ FT OF GREATER BUILT OR RENOVATED BEFORE JANUARY 1, 1980?	NO
WAS THE PREDEVELOPMENT LAND USED FOR AGRICULTURE?	NO
COMMENCED EARTH DISTURBING ACTIVITIES?	NO
DISCHARGE TO MS4? MS4 NAME?	YES- COA
SURFACE WATERS WITHIN 50FT?	NO
RECEIVING WATER?	LADERA DAM
IS RECEIVING WATER IMPAIRED? TIER DESIGNATION	NO
WHAT ARE THE IMPAIRMENTS, IF ANY?	N/A



SWPPP CONTACT INFORMATION: AARON CARLSON 505-506-6310 AARON.CARLSON@YAHOO.COM

ENDANGERED SPECIES CRITERIA: CRITERION "A"; NO CRITICAL HABITATS

HISTORIC PRESERVATION CRITERIA: CRITERION "A"; PREVIOUS SURVEY

EROSION CONTOL NOTES
ESC Plan Standard Notes (2021-03-24)

- 1.All Erosion and Sediment Control (ESC) work on these plans, except as otherwise stated or provided hereon shall be permitted, constructed, inspected, and maintained in accordance with:
- a.The City Ordinance § 14-5-2-11, the ESC Ordinance,
b.The EPA's 2017 Construction General Permit (CGP), and
c.The City Of Albuquerque Construction BMP Manual.
- 2.All BMP's must be installed prior to beginning any earth moving activities except as specified hereon in the Phasing Plan. Construction of earthen BMP's such as sediment traps, sediment basins, and diversion berms shall be completed and inspected prior to any other construction or earthwork. Self-inspection is required after installation of the BMPs and prior to beginning construction.
- 3.Self-inspections - At a minimum a routine compliance self-inspection is required to review the project for compliance with the Construction General Permit once every 14 days and after any precipitation event of 1/4 inch or greater until the site construction has been completed and the site determined as stabilized by the city. Reports of these inspections shall be kept by the person or entity authorized to direct the construction activities on the site and made available upon request.
- 4.Corrective action reports must be kept by the person or entity authorized to direct the construction activities on the site and made available upon request.
- 5.Stabilization reports must be kept by the person or entity authorized to direct the construction activities on the site and made available upon request. Reports should include records of weed removal per City Ordinance (§ 9-8-1), sterilization, soil test results and recommendation, materials and manufacturer's specifications for application rates, estimated functional longevity, methods of application, inspection and maintenance. The reduced self-inspection schedule in CGP 4.4.1 applies to stabilized area and any damaged or worn stabilization must be identified in the reports along with weed problems. Corrective actions for stabilization shall be documented in a stabilization report including actual rates and dates of stabilization, and the materials and manufacturer's specifications used.
- 6.BMPs shall be inspected and maintained until all disturbed areas are stabilized in accordance with the Final Stabilization Criteria (CGP 2.2.14.b). Generally, all disturbed areas, other than structures and impervious surfaces, must have uniform perennial vegetation that provides 70 percent or more of the cover provided by native vegetation or seed the disturbed area and provide non-vegetative mulch that provides cover for at least three years without active maintenance. Final stabilization must be approved by the City of Albuquerque prior to removal of BMPs and discontinuation of inspections.

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	C. DURKIN <small>DRAWN BY</small>	

SEDIMENT TRACK OUT CONTROL



- BMP Objectives**
- Sediment Control

SILT FENCE



- BMP Objectives**
- Sediment Control
 - Sheet Flow Runoff Control
 - Wind Erosion Control

BERMS AND SWALES



- BMP Objectives**
- Runoff Control
 - Run-on Diversion

MULCH SOCK/STRAW WATTLE



- BMP Objectives**
- Sediment Control
 - Reduce Runoff Velocity
 - Inlet Protection

INLET PROTECTION



- BMP Objectives**
- Sediment Control
 - Sheet Flow Runoff Control
 - Wind Erosion Control

LEGEND

TEMPORARY EROSION AND SEDIMENT CONTROL PLAN

PP-PP-PP- PROJECT PERIMETER

STAGING AREA

CHEMICAL TOILET

TEMPORARY SEDIMENT POND

—BW—BW— EXISTING BLOCK WALL

FLOW DIRECTION

CONCRETE WASHOUT

STOCKPILE AREA



Ⓢ POSTING SIGN

SF-SF-SF-SF SILT FENCE

STABILIZED CONTRUCTION ENTRANCE

⊗ OUTFALL

DEBRIS CONTAINMENT

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STOCKPILE TO BE PLACED PRIOR TO CONSTRUCTION. BMPs AND INSPECTIONS SHALL COMPLY WITH CITY OF ALBUQUERQUE REQUIERMENTS. A SEPARATE CONSTRUCTION TEPORARY EROSION CONTROL PLAN WILL BE SUBMITTED ONCE BUILDING PLANS ARE FINALIZED.

RUSLE Calculation Before Construction

RUSLE	
A = R * K * LS * C * P	
A= Average Soil Loss (tons/acre/year)	1.8933
R = Rainfall –Runoff Erosivity Factor	25
K = Soil Erodibility Factor	0.17
LS = Slope-Length Factor	0.99
C = Cover Management Factor	0.45
P = Erosion Control Practice Factor	1.0

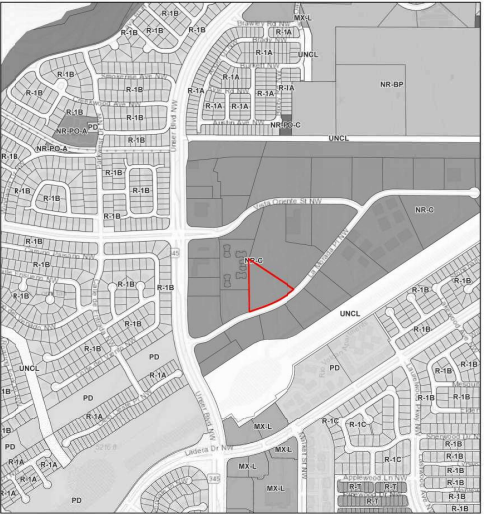
RUSLE Calculation During Construction

RUSLE	
A = R * K * LS * C * P	
A= Average Soil Loss (tons/acre/year)	2.10375
R = Rainfall –Runoff Erosivity Factor	25
K = Soil Erodibility Factor	0.17
LS = Slope-Length Factor	0.99
C = Cover Management Factor	1.0
P = Erosion Control Practice Factor	0.5

RUSLE Calculation After Construction

RUSLE	
A = R * K * LS * C * P	
A= Average Soil Loss (tons/acre/year)	0.52075
R = Rainfall –Runoff Erosivity Factor	25
K = Soil Erodibility Factor	0.17
LS = Slope-Length Factor	0.99
C = Cover Management Factor	0.10
P = Erosion Control Practice Factor	1.0

VICINITY MAP



LEGAL DESCRIPTION
TR 24 PLAT FOR LADERA BUSINESS PARK
UNIT 1 CONT 2.7185 AC

SCHEDULE/SEQUENCING OF CONSTRUCTION

1. POST PERMITS
2. INSTALL REQUIRED BMPs
 - 2.a. PERIMETER CONTROLS
 - 2.b. STABILIZED CONSTRUCTION ENTRANCE
3. STOCKPILE
4. CLEAR AND GRADE
5. UTILITY INSTALLATION
6. PAVEMENT STRUCTURES
7. VERTICAL STRUCTURES
8. LANDSCPING
9. PUNCHLIST

SITE OPERATORS:

PACIFIC CACTUS, LLC
AARON CARLSON 505-506-6310
AARON.CARLSON@YAHOO.COM

STORMWATER TEAM

- A: REMOVE SEDIMENT FROM ADJACENT STREETS: INSPECTIONS PLUS, LLC
- B: BMP MAINTENANCE: INSPECTIONS PLUS, LLC.
- C. SITE INSPECTIONS: INSPECTIONS PLUS, LLC.
MARCOS VALADEZ 505-344-9410.



07/29/2021
CPESC Stamp

CACTUS PATCH PLAZA

PROJECT TITLE

ALBUQUERQUE, NM, BERNALILLO COUNTY

CITY, COUNTY, STATE

07/29/2021

DATE



C. DURKIN

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STABILIZATION PLAN



 <p>07/29/2021 CPESC Stamp</p>	<p align="center">CACTUS PATCH PLAZA</p> <p align="right">PROJECT TITLE</p>	
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